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**FIG. 1**

## 20 Basic Purchase Order Data :

| Record No. | Supplier Name | Start Point | End Point | Purchase Order No. | Line Item Number | Order Due Date | Invoice amount | Received date | Paid amount | Order Status | Customer Part Number | Manufacturer Part Number | Quantity | SIC code | Buyer Name  |
|------------|---------------|-------------|-----------|--------------------|------------------|----------------|----------------|---------------|-------------|--------------|----------------------|--------------------------|----------|----------|-------------|
| 1          | Jane Doe Co.  | OC          | CFD       | X025A-1            | 1                | 10/1/01        | \$60,000.00    | 10/1/01       | 60,000.00   | Closed       | F-2101               | 123-4567                 | 5000     | 3324     | GoodCo Inc. |
| 2          | Jane Doe Co.  | OC          | CFD       | X025A-1            | 2                | 10/1/01        | \$5,498.26     | 10/05/01      | 5000.00     | Closed       | SDD-3                | 100-3456                 | 50       | 3311     | GoodCo Inc. |
| 3          | Jane Doe Co.  | OC          | CFD       | B89T               | 1                | 10/7/01        | \$20.05        | 10/05/01      | 20.00       | Closed       | AA-02                | 789                      | 2        | 2432     | GoodCo Inc. |
| 4          | Jane Doe Co.  | OS          | SSD       | B91T               | 1                | 9/28/01        | 1400.02        | 9/28/01       | 1,400.00    | Closed       | AA-03                | 1234A                    | 800      | 5643     | GoodCo Inc. |
| 5          | Max Doe Co.   | OS          | CRD       | 1183267            | 1                | 10/12/01       | 1,110.00       | 10/14/01      | 1,110.00    | Closed       | B123                 | 1234A                    | 800      | 5643     | GoodCo Inc. |

FIG. 2a

Title: Supplier Performance Reporting  
 Inventor: Alvin WONG  
 Application No.: To Be Assigned  
 Docket No.: 426882004000

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## 25 Summarized Purchase Order Data (summarized by Supplier for each Buyer):

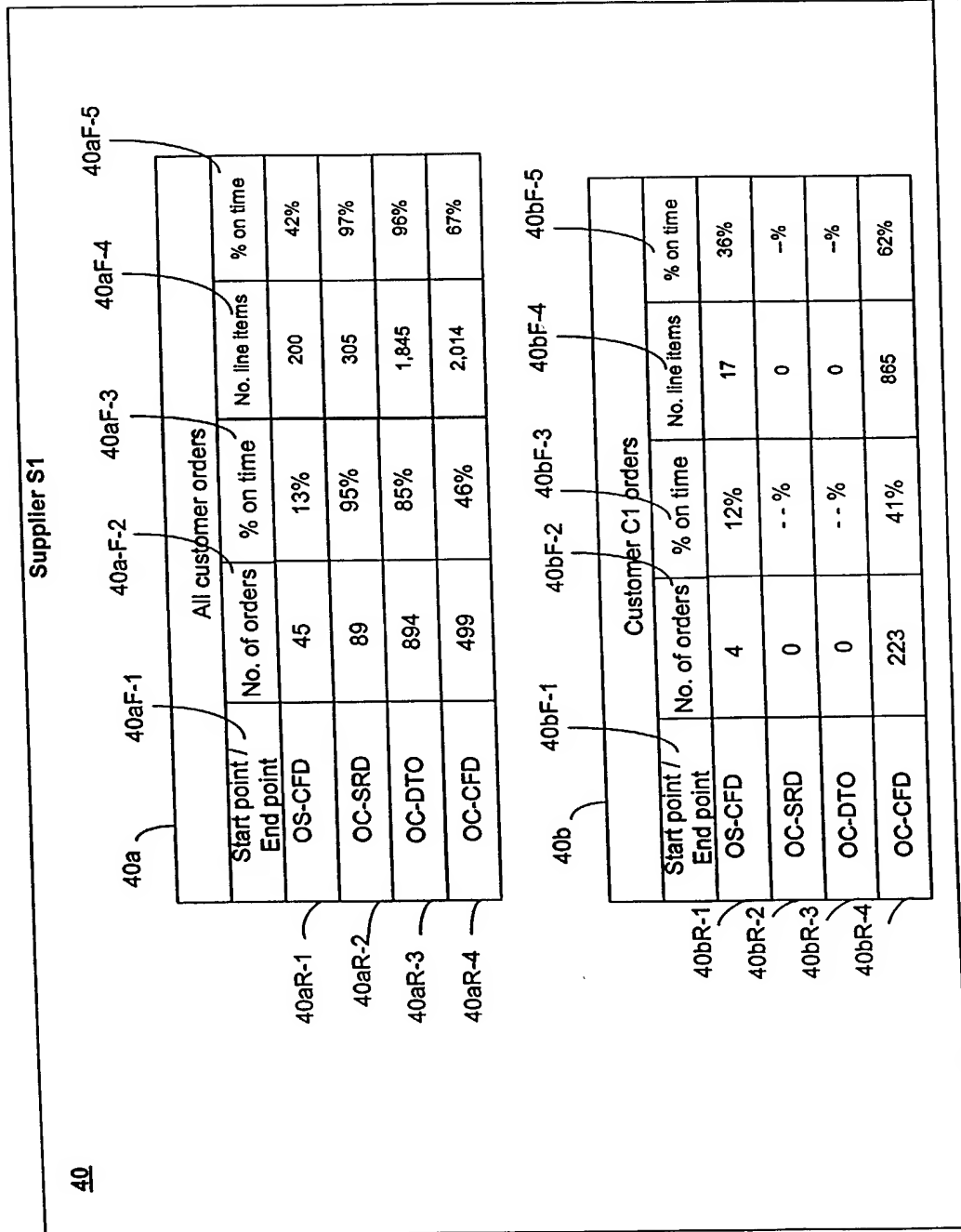
| Record No. | Supplier Name | Start Point | End Point | # of POs | # of Line Items | Orders On Time | Line Items On Time | Buyer Name  |
|------------|---------------|-------------|-----------|----------|-----------------|----------------|--------------------|-------------|
| 1          | Jane Doe Co.  | OC          | CFD       | 2        | 3               | 1              | 2                  | GoodCo Inc. |
| 2          | Jane Doe Co.  | OC          | SSD       | 1        | 1               | 1              | 1                  | GoodCo Inc. |
| 3          | Max Doe Co.   | OC          | CRD       | 1        | 1               | 0              | 0                  | GoodCo Inc. |

FIG. 2b



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Title: Supplier Performance Reporting  
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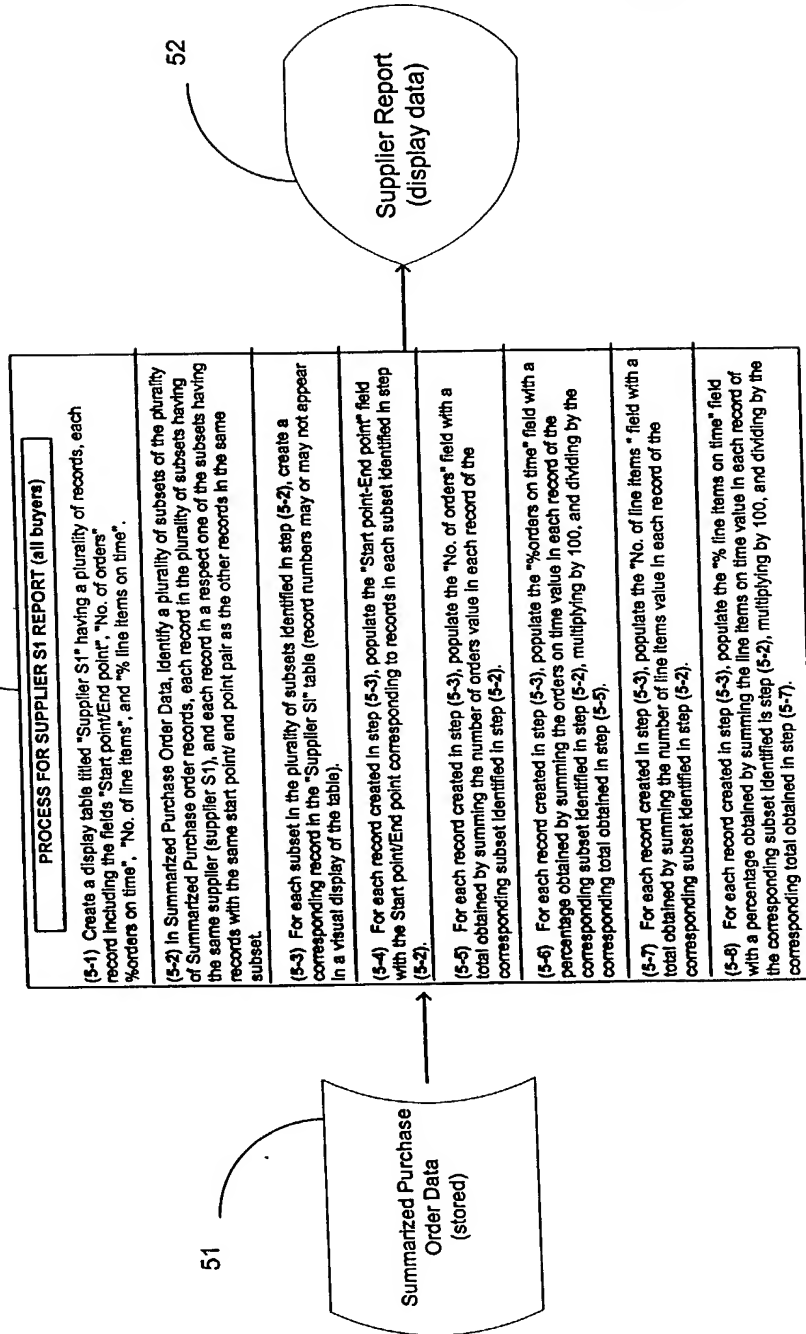


FIG. 5



$$\begin{aligned} & \frac{\partial}{\partial t} \left( \frac{1}{\rho} \right) + \frac{\partial}{\partial x} \left( \frac{1}{\rho} u \right) + \frac{\partial}{\partial y} \left( \frac{1}{\rho} v \right) + \frac{\partial}{\partial z} \left( \frac{1}{\rho} w \right) = - \frac{1}{\rho^2} \frac{\partial \rho}{\partial t} \\ & \quad - \frac{1}{\rho^2} \frac{\partial \rho}{\partial x} u - \frac{1}{\rho^2} \frac{\partial \rho}{\partial y} v - \frac{1}{\rho^2} \frac{\partial \rho}{\partial z} w \end{aligned}$$

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|    |                                   |                                 |                   |
|----|-----------------------------------|---------------------------------|-------------------|
| 61 | Reject Performance<br>Supplier S3 |                                 | 61-c2             |
|    | 61-c1                             | Supplier lots to<br>Customer C2 | All supplier lots |
|    | # of lots total                   | 389                             | 898               |
|    | Rejected due<br>to supplier       | 2.0%                            | 3.1%              |
|    | Rejected due<br>to customer       | 1.4%                            | 2.0%              |

**FIG. 6**

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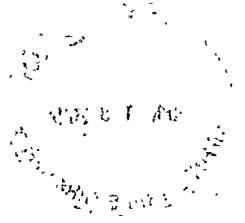


FIG. 7

